

Title (en)

IMAGING ARCHITECTURE FOR DEPTH CAMERA MODE WITH MODE SWITCHING

Title (de)

ABBILDUNGSARCHITEKTUR FÜR TIEFENKAMERAMODUS MIT MODUSUMSCHALTUNG

Title (fr)

ARCHITECTURE D'IMAGERIE POUR MODE APPAREIL PHOTO DE PROFONDEUR AVEC COMMUTATION DE MODE

Publication

EP 3189659 A4 20180502 (EN)

Application

EP 15838914 A 20150803

Priority

- US 201462045258 P 20140903
- US 201414576792 A 20141219
- US 2015043457 W 20150803

Abstract (en)

[origin: US2016065934A1] An imaging architecture is described for a depth camera mode with mode switching. In one example, an imaging device has a primary camera to capture an image of a scene, a secondary camera to capture an image of the same scene, a third camera to capture an image of a second scene, a processor having a first port coupled to the primary camera to receive images from the primary camera and a second port to receive images, and a multiplexer coupled to the secondary camera and to the third camera to receive the captured images and to alternately couple the secondary camera or the third camera to the second port of the processor.

IPC 8 full level

H04N 13/20 (2018.01); **H04N 13/00** (2018.01); **H04N 23/90** (2023.01)

CPC (source: EP US)

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Citation (search report)

- [Y] US 2014098193 A1 20140410 - GERIS RYAN ALEXANDER [CA], et al
- [Y] US 2008218613 A1 20080911 - JANSON WILBERT F [US], et al
- [Y] US 2011242342 A1 20111006 - GOMA SERGIU R [US], et al
- [Y] US 2013129304 A1 20130523 - FEINSON ROY [US]
- See also references of WO 2016036462A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

US 2016065934 A1 20160303; **US 9992483 B2 20180605**; CN 106576160 A 20170419; CN 106576160 B 20200505; EP 3189659 A1 20170712; EP 3189659 A4 20180502; WO 2016036462 A1 20160310

DOCDB simple family (application)

US 201414576792 A 20141219; CN 201580041597 A 20150803; EP 15838914 A 20150803; US 2015043457 W 20150803